

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/523267	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 12:07
S2	45125	MEMS 'Micro-Electro-Mechanical Systems' 'Micro Electro Mechanical System' 'Microelectromechanical System'	US-PGPUB; USPAT; JPO	OR	ON	2006/12/20 12:13
S3	22873	accelerometer	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 12:14
S4	2487	S2 and S3	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 12:19
S5	85542	(sacrificial disposable dispos\$4) near (layer film)	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 12:30
S6	565	S2 and S3 and S5	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 12:20
S7	59948	dummy	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 12:20
S8	6	S6 and S7	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 12:22
S9	209	S2 and S5 and S7	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 12:23
S10	37	S9 and @pd<"20030731"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:42
S11	82	("5221415"   "5572060").PN. OR ("5994750").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 12:25
S12	2009	S2 and S5 and switch\$2	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 12:31
S14	783	S13 and @pd<"20030731"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 15:08
S15	12	((("5636070") or ("5946584") or ("6080988") or ("6136390") or ("20010052570") or ("6469301") or ("20040114259") or ("20040125432") or ("20040183395") or ("6828557") or ("6835932") or ("20050018955")).PN.	US-PGPUB; USPAT; JPO	OR	OFF	2005/12/28 13:16

## EAST Search History

S17	173	(sacrificial removable disposable) and dummy and (space near4 portion)	US-PGPUB; USPAT; JPO	OR	ON	2006/01/03 08:52
S22	2568	(438/622).CCLS.	US-PGPUB; USPAT; JPO	OR	OFF	2005/12/30 10:33
S23	147	(438/926).CCLS.	US-PGPUB; USPAT; JPO	OR	OFF	2005/12/28 15:58
S24	326	S22 and (sacrificial removable disposable excessive expendable)	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 15:57
S25	31552	nikon.as.	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 15:58
S26	112	ishizuya.in.	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 16:40
S27	1	"20050100269"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/28 16:42
S28	1	"20020027487"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:56
S29	175	"5578976"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:14
S30	1	S29 and dummy	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:16
S31	115	S29 and plurality	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:23
S32	2577	(438/622).CCLS.	US-PGPUB; USPAT; JPO	OR	OFF	2005/12/30 10:33
S33	9	S32 and reflect\$3 near4 mirror	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:36
S34	75	S32 and switch	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:41
S35	1310	438/626	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:42
S36	1954	257/98	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:42
S37	688	S35 and @pd<"20020801"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:44

## EAST Search History

S38	703	S36 and @pd<"20020801"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:56
S39	629	333/262	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:56
S40	342	S39 and @pd<"20020801"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 10:57
S41	431	(333/262).CCLS.	US-PGPUB; USPAT; JPO	OR	OFF	2005/12/30 10:57
S42	308	S41 and @pd<"20020801"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 11:01
S43	10157	"20000725"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 11:01
S44	1	09/624795	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 11:03
S45	48	"6127908"	US-PGPUB; USPAT; JPO	OR	ON	2005/12/30 11:03
S46	3	((("5636070") or ("6136390") or ("5946584")).PN.	US-PGPUB; USPAT; JPO	OR	OFF	2006/01/03 09:04
S47	1	((("200077729") or ("200077681") or ("11160635") or ("8195387")).PN.	US-PGPUB; USPAT; JPO	OR	OFF	2006/01/03 08:31
S48	2	((("2000077729") or ("2000077681") or ("80195387")).PN.	US-PGPUB; USPAT; JPO	OR	OFF	2006/01/03 08:32
S49	284	(sacrificial removable disposable) and (dummy (test near3 structure)) and (space near4 portion)	US-PGPUB; USPAT; JPO	OR	ON	2006/01/03 08:52
S50	6	(dummy and surround) near3 heat	US-PGPUB; USPAT; JPO	OR	ON	2006/01/03 09:48
S51	13	(dummy and surround) near3 heat\$2	US-PGPUB; USPAT; JPO	OR	ON	2006/01/03 11:38
S52	1146	AKAGAWA.in.	US-PGPUB; USPAT; JPO	OR	ON	2006/12/04 14:41
S53	86	S52 and switch	US-PGPUB; USPAT; JPO	OR	ON	2006/01/03 11:39

## EAST Search History

S54	15	("4213818"   "5247222"   "5481396"   "5579179"   "5692279"   "5702869"   "5757539"   "5774256"   "5786928"   "5789290"   "5874345"   "5877889"   "5920421"   "5920422").PN. OR ("6136390").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 13:37
S55	0	"8195387"	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 13:38
S56	0	"80195387"	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 13:38
S57	0	"7003668"	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 13:38
S58	23	"642744"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 08:08
S59	4	"6420744"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 08:09
S60	19	"5636070"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 08:09
S61	265	257/50.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:06
S62	401	257/52.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:07
S63	231	S61 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:08

## EAST Search History

S64	331	S62 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 09:07
S65	217	S61 and @ad<"20020801"	US-PGPUB; USPAT	OR	ON	2006/06/26 09:10
S66	0	385/18.ccls	US-PGPUB; USPAT	OR	ON	2006/06/26 09:10
S67	1342	385/18.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/26 09:10
S68	937	S67 and @ad<"20020801"	US-PGPUB; USPAT	OR	ON	2006/06/26 09:16
S69	12	S68 and dummy	US-PGPUB; USPAT	OR	ON	2006/06/26 09:17
S70	890	359/290.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/26 09:16
S71	478	S70 and @ad<"20020801"	US-PGPUB; USPAT	OR	ON	2006/06/26 09:17
S72	4	S71 and dummy	US-PGPUB; USPAT	OR	ON	2006/06/26 09:19
S73	137	S68 and sacrific\$3	US-PGPUB; USPAT	OR	ON	2006/06/26 09:21
S74	2	"2002-253250"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 10:15
S75	1	"2002-064688"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 10:15
S76	4	"2002064688"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 10:38
S77	81	"5661591"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 10:46

## EAST Search History

S78	11487	("Micro-electro-mechanical-system" Micromachined)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 10:49
S79	22932	("Micro-electro-mechanical-system" Micromachin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 11:10
S80	6612	S79 and mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 10:49
S81	3584	S80 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:37
S82	85	S81 and dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 10:50
S83	2481	S81 and (array matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 11:09
S84	2460	S81 and (array matrix)	US-PGPUB; USPAT	OR	ON	2006/12/04 11:09
S85	470420	("Micro-electro-mechanical-system" Micromachin\$3 MEMS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:37
S86	470420	("Micro-electro-mechanical-system" Micromachin\$3 MEMS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:37

## EAST Search History

S87	20951	S86 and mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:37
S88	7078	S87 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:04
S89	169	(AKAGAWA near keiichi).in.	US-PGPUB; USPAT; JPO	OR	ON	2006/12/04 14:42
S90	140	S89 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:11
S91	0	S90 and dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:04
S92	111	S88 and dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:04
S93	7	nikon.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:11
S94	55871	nikon.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:11
S95	427	S86 and S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:11

## EAST Search History

S96	217	S95 and mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:11
S97	82	S96 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:03
S98	188	ishizuya.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:16
S11 4	376	MEMS and mirror and dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 16:42
S11 5	55896	nikon.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:18
S11 6	444009	canon.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 16:17
S11 7	598596	Toshiba.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 16:17
S11 8	1098421	S115 S116 S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 16:17
S11 9	8	S118 and mems and dummy and mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 16:19



## EAST Search History

S12 0	4	("6355498" "6359374").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 16:20
S12 1	7276	MEMS and mirror and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 16:42
S12 2	2762	S121 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 16:43
S12 3	659	S122 and sacrific\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 16:43
S12 4	68	("3430057"   "3622792"   "3990780"   "4208094"   "4303302"   "4317611"   "4580873"   "4626066"   "4630883"   "4740050"   "4762382"   "4932745"   "4989941"   "5037173"   "5042889"   "5097229"   "5168535"   "5199088"   "5208880"   "5255332"   "5278515"   "5311410"   "5317659"   "5351330"   "5410371"   "5420946"   "5428218"   "5436986"   "5444801"   "5522796"   "5524153"   "5555327"   "5572014"   "5621829"   "5646928"   "5651023"   "5774604"   "5786925"   "5835212"   "5838847"   "5841917"   "5867297"   "5870007"   "5872880"   "5878177"   "5903687"   "5923798"   "5933269"   "5943454"   "5945898"   "5960132"   "5982554"   "6031946"   "6144781"   "6160928"   "6219472").PN. OR ("6498870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/10 17:10
S12 5	29	("5629918"   "5945898"   "5994159"   "6094293"   "6144781"   "6166478"   "6205267"   "6215921"   "6243507"   "6292600"   "6351051"   "6392221"   "6445840"   "6445841"   "6445846"   "6449406"   "6498870"   "6526198"   "6556318"   "6556741"   "6583031"   "6600850"   "6606428"   "6618518"   "6625004"   "6629461"   "6785038"   "6866255"   "6933165").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/10 17:13

## EAST Search History

S12 6	208	S115 and dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:19
S12 7	4	("5260151"   "5866281").PN. OR ("6531249").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/10 17:23
S12 8	4	"6420744"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/10 17:25
S12 9	21	"5636070"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/10 17:25
S13 0	2	"20060091493"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 18:14
S13 1	187017	DIP "digital image processing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:49
S13 2	21190	S131 and peripheral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:07
S13 3	21822	S131 and periphera\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:08
S13 4	32266	S131 and peripher\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:27
S13 5	3491	S134 and mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:13

## EAST Search History

S13 6	2111	S135 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:15
S13 7	60	S136 and sacrificial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:16
S13 8	37	S136 and (dry near5 etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:15
S13 9	1587	S136 and (dry near\$5 etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:15
S14 0	196	S134 and (optical near3 switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 12:29
S14 1	3632	DIP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:46
S14 2	4067	DLP "digital light processing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:02
S14 3	1228407	micro nera mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:50
S14 4	7290	micro near mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 14:50

## EAST Search History

S14 5	4073	DLP "digital light processing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:03
S14 6	1229091	micro nera mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:03
S14 7	1902	S145 and S146	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:03
S14 8	518	S147 and @ad<"20020801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 13:05
S14 9	2	"20060060897"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 11:08
S15 0	1	myong near hyun near park.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 12:06
S15 1	14	("4213818"   "5247222"   "5481396"   "5579179"   "5692279"   "5702869"   "5757539"   "5774256"   "5786928"   "5789290"   "5874345"   "5877889"   "5920421"   "5920422").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 12:06
S15 2	7	("5172262").PN. OR ("5774256"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 12:13
S15 3	4740249	MEMS 'Micro-Electro-Mechanical Systems' 'Micro Electro Mechanical System' 'Microelectromechanical System'	US-PGPUB; USPAT; JPO	OR	ON	2006/12/20 12:13
S15 4	90	S153 and dummy near2 surround	US-PGPUB; USPAT; JPO	OR	ON	2006/12/20 12:14
S15 5	7	S154 and mirror	US-PGPUB; USPAT; JPO	OR	ON	2006/12/20 12:15

## EAST Search History

S15 6	0	("2005/0068488").URPN.	USPAT	OR	ON	2006/12/20 12:16
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